

# (12) UK Patent Application (19) GB (11) 2 375 710 (13) A

(43) Date of A Publication 27.11.2002

(21) Application No 0203764.6

(22) Date of Filing 18.02.2002

(71) Applicant(s)

David Mario Willis  
20 Cranfield Park Ct, Radwinter Avenue,  
WICKFORD, Essex, SS12 9QE,  
United Kingdom

(72) Inventor(s)

David Mario Willis

(74) Agent and/or Address for Service

David Mario Willis  
20 Cranfield Park Ct, Radwinter Avenue,  
WICKFORD, Essex, SS12 9QE,  
United Kingdom

(51) INT CL<sup>7</sup>

A61L 9/14

(52) UK CL (Edition T )

A5G GV G101

(56) Documents Cited

GB 2338751 A	GB 2248888 A
FR 002629559 A	US 6293442 A
US 6267297 A	US 4903583 A

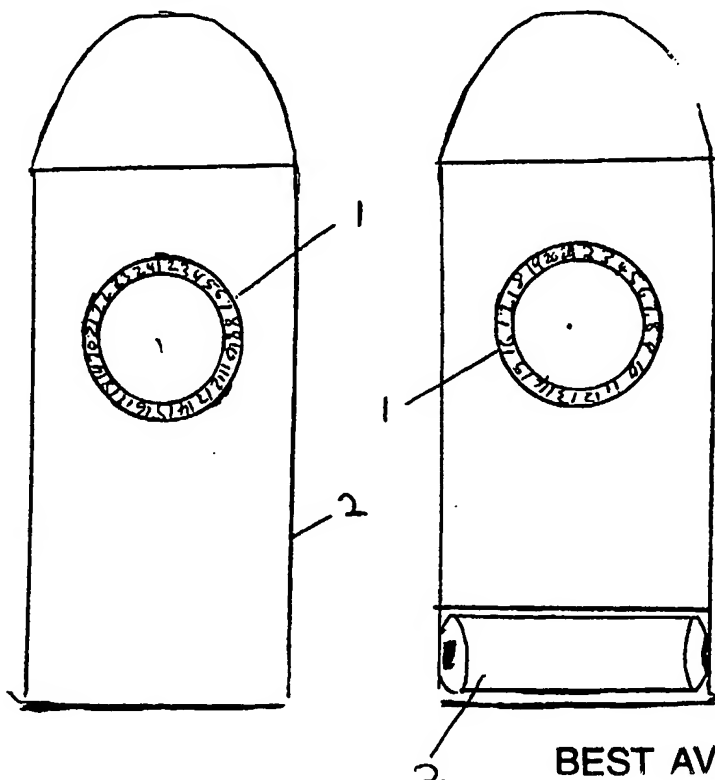
(58) Field of Search

UK CL (Edition T ) A5G  
INT CL<sup>7</sup> A61L 9/02 9/12 9/14  
ONLINE: WPI, EPODOC, JAPIO

(54) Abstract Title

**Air freshener with timer**

(57) An air freshener device with timer 1 that operates like a clock. A mini aerosol containing a fragrance composition is contained within the housing of the device. The timer rotates relative to the housing. The user pushes little projections in that are present on the timer corresponding to the time at which the air freshener is required to be actuated. At the predetermined time, these projections engage with a catch in the housing, and this catch presses down on the nozzle of the aerosol causing fragrance to be dispensed. The device may be powered by battery 2, or may be supplied with a plug to utilise mains power.



BEST AVAILABLE COPY

GB 2 375 710

1/1

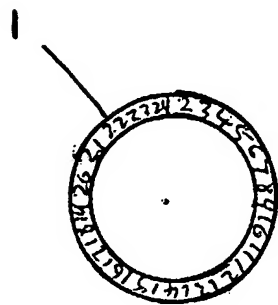
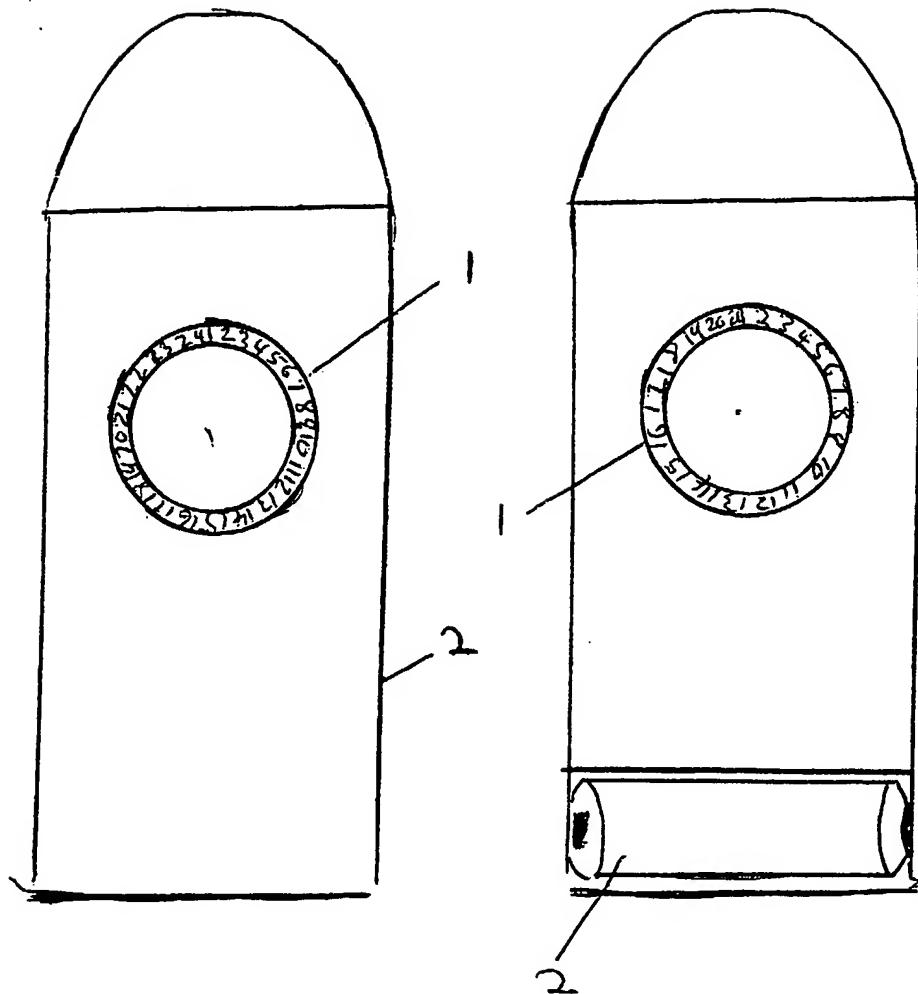


FIG 2

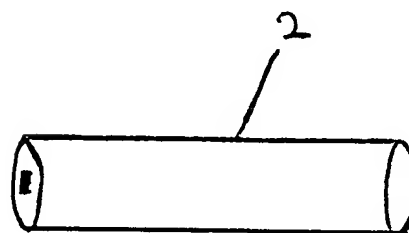


FIG 3

THIS INFORMATION SUMMARY RELATES TO A PRODUCT IDEA CALLED THE 24 HOUR AIR FRESH WITH TIMER. WORKS WITH BATTERIES & PLUG INS

THIS INFORMATION SUMMARY RELATES TO A PRODUCT IDEA CALLED THE 24 HOUR AIR FRESH 1/1 WITH TIMER FIG2 WORK WITH BATTARY FIG3 AND PLUG IN YOU SET THE TIMER WEN YOU WANT IT TO GO OFF DAY OR NIGHT. IT WORKS ON ONE OR TWO BATTARYS YOU DONOT HAVE TO FIND A SOCKET TO PLUG IT IN. YOU CAN PUT IT ANYWHERE YOU LIKE. ANYWHERE YOU WANT A NICE SMELL YOU CAN PUT IT IN CARS, CARAVANS BOATS HOUSES SHOPS SHEDS. A LONG LIST WITH NO SOCKET TO FIND IT WILL APEEL TO A LOT OF PEOPLE HOO LIKE ME FORGET TO PRESS IT. THE FUNCTION AND THE APPEALING FEATURES IS YOU CAN SET THE TIMER WEN YOU WANT IT TO GO OFF NO FORGETTING ANYMORE, NO PRESSING JUST SET THE TIMER WITH BATTARYS IT MAKE IT EASIER FOR EVER Y ONE AND YOU CAN HAVE PLUG IN WITH TIMER TO

## CLAIMS

1. THE 24 HOUR AIR FRESHNER WITH TIMER INCLUDING BATTERY OR A PLUG IN TYPE WILL ORPORATE THE TIMER LIKE A CLOCK
2. THE 24 HOUR AIR FRESHNER WITH TIMER AS IN CLAIMS 1  
YOU CAN SET THE TIMER AT ANYTIME BY PUSHING LITTLE DIGGETS TO  
MAKE THE TIMER GO OFF AT THE TIME YOU SET
3. THE 24 HOUR AIR FRESHNER WITH TIMER AS IN CLAIM 2  
AS THE TIMER CLICKS ON ITS ENGAGES A SMALL CATCH INSIDE THE  
CASEING AND BY THIS CATCH PRESSING DOWN ON THE NOSEL ON THE  
MINI AEROSOL IT WOULD RELEASE THIS FRAGRANCE.
4. THE 24 HOUR AIR FRESHNER WITH TIMER IN ANY PRECEDINGS CLAIMS IT  
INCLUDING A CASEING THE CASEING IS FOR A MINI AEROSAL AND  
REFILLS ITS COME WITH TIMER BATTERY OR PLUG IN TYPE
5. THE 24 HOUR AIR FRESHNER WITH TIMER IN ANY PROCEDINGS CLAIMS  
WHICH CAN BE MADE FROM PLASTIC MATERIALS OR A COMBINATION OF  
MATERIALS
6. THE 24 HOUR AIR FRESHNER WITH TIMER AS DESCRIBED HEREIN WITH  
REFERENCE TO FIGURES 2-3 OF THIS ACCOMPANYING DRAWING.



INVESTOR IN PEOPLE

Application No: GB 0203764.6  
Claims searched: 1-6

Examiner: Chris Archer  
Date of search: 18 September 2002

## Patents Act 1977 Search Report under Section 17

### Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.T): A5G

Int Cl (Ed.7): A61L (9/02, 9/12, 9/14)

Other: ONLINE: WPI, EPODOC, JAPIO

### Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X	GB 2338751 A (CHOWN) see in particular page 7 line 25 to page 8 line 20	1, 4, 5,
X	GB 2248888 A (KONTROL AIR NEW ZEALAND) see in particular the figures	1, 4, 5
X	FR 2629559 A (CARTON) see in particular WPI abstract attached	1, 5
X	US 6293442 (MOLLAYAN) see in particular the figures and the abstract	1, 4, 5
X	US 6267297 (CONTADINI) see in particular the figures	1, 4, 5
X	US 4903583 (FRAZIER) see in particular the figures	1, 4, 5

BEST AVAILABLE COPY

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
		F	Patent document published on or after the declared priority date but before the filing date of this invention.